

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 January 2004 (29.01.2004)

PCT

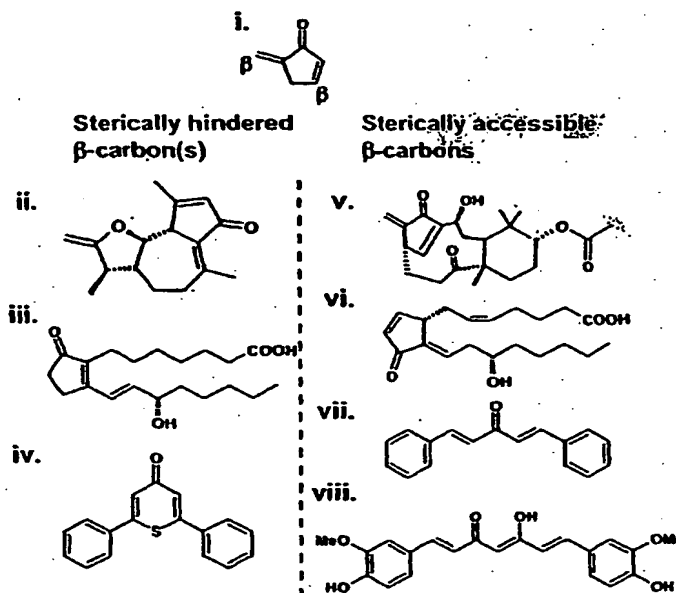
(10) International Publication Number  
**WO 2004/009023 A2**

- (51) International Patent Classification<sup>7</sup>: **A61K**
- (21) International Application Number:  
**PCT/US2003/022576**
- (22) International Filing Date: **18 July 2003 (18.07.2003)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:  
**60/396,584 18 July 2002 (18.07.2002) US**
- (71) Applicant (for all designated States except US): **UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US];**  
**615 Arapen Drive, Suite 110, Salt Lake City, UT 84108 (US).**
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MULLALLY, James, E. [US/US]; 390 Emory Drive, Atlanta, GA 30307**

- (US). **MOOS, Phillip [US/US]; c/o Huntsman Cancer Institute, 2000 Circle of Hope, Salt Lake City, UT 84112 (US). FITZPATRICK, Frank, A. [US/US]; c/o Huntsman Cancer Institute, 2000 Circle of Hope, Salt Lake City, UT 84112 (US).**
- (74) Agents: **BOOTH, PAUL M et al.; Heller Ehrman White & McAuliffe LLP, 1666 K Street, N.W., Suite 300, Washington, DC 20006-1228 (US).**
- (81) Designated States (*national*): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.**
- (84) Designated States (*regional*): **ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,**

[Continued on next page]

(54) Title: **NOVEL INHIBITORS OF UBIQUITIN ISOPEPTIDASES**



(57) Abstract: A novel class of inhibitors of ubiquitin isopeptidases is disclosed that cause tumor cell death via molecular mechanisms independent of p53. Specifically, compounds containing an  $\alpha,\beta$ -unsaturated ketone with a sterically accessible electrophilic  $\beta$ -carbon and related compounds are identified herein. Pharmaceutical compositions comprising the inhibitor compounds and methods of using the compounds for treating a variety of disease states are disclosed.

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SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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**Published:**

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